Curriculum Vitae

SRISTY SAHA

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Career Objectives

To become a good academician

Academic Achievements

Master of Science (M.S) in Erasmus Mundus Society (EMJMD ACES\ACES+)

Institution : University of Crete, Greece; University of Nantes, France; University of Highland and Island, UK;
Department : Biological Science
Year of Completion : 2023, September
Result : Intended

Master of Science (M.S) in Genetics and Molecular Biology

Institution : University of Dhaka
Department : Zoology

Bachelor of Science (B.S) in Zoology

Institution : University of Dhaka
Department : Zoology

Higher Secondary Certificate (HSC)

Concentration : Science
Institution : Central Women's College
Board : Dhaka

Secondary School Certificate (SSC)

Concentration : Science
Institution : St. Francis Xaviers Girls High School
Board : Dhaka

Academic Recognitions

- Erasmus Mundus Joint Master's Degree Scholarship funded by **European Union 2021/2023**
- Member of **French Student Alumni** in Bangladesh
- **National Science and Technology (NST)** fellowship for M.S thesis research from Ministry of Science and Technology, Government of the People's Republic of Bangladesh.
- Member of **Zoological Society of Bangladesh**.

ICT Skills

- Office Application: Ms Word, Ms Excel, Power-Point, Google Sheet, Google Note, Google Form
- Also fluent is web and social platforms.

Language Skills

- Bengali (Primary Language): Fluent in reading and writing.
- English: Fluent in reading and writing.
- French: Primary level in speaking and listening.

Laboratory Skills

- DNA extraction, RNA extraction, protein extraction, Lipid extraction
- PCR, RT-PCR, Western Blotting, LC-MS, GC-MS
- Cell culture, Zebrafish maintain.

Experience of Research:

- **M.S Thesis Student**, Project Name: '4**-cholesten-3-one modified the lipidome of MDA-MB-231 cell line and enhanced the anti-proliferative and anti-migration effect of the anti-cancer drug docetaxel**, Dr. El- Hassane Nazih (Project Head), Professor, Department of Pharmacy, University of Nantes. **Assistantship Tenure: February – July** 2023

- **Research Intern**, Project Name: '**Gene expression analysis of mutant strain (Steroid receptor) of Zebra fish brain and liver'** Dr. Michail Pavlidis, (Project Head), Professor, Department of Biological Science, University of Crete, Greece. **Assistantship Tenure: June – August 2022**

- **Research Fellow,** National Institution of Biotechnology, **Assistantship Tenure: September– December 2021**

- **Research Assistant**, in Genetics and Molecular Biology Laboratory, University of Dhaka. **Assistantship Tenure: January 2017 – October 2019**.

- **M.S Thesis** Student, Project Name**: Molecular analysis and phylogenetic tree construction of Bombay duck, ribbon fish and pomfret fish from Bay of Bengal'** Dr. Reza Mohammad Shahjahan, (Project Head), Professor, Department of Zoology, **University of Dhaka. January – September, 2018**

Experience of Work:

- Working as a lecturer, in Environmental Science and Management Department at North South University. From: July 2024- present

- Worked as a Research Fellow, in Fish Biotechnology division at National Institution of Biotechnology. From: September – December 2021

- Worked as a Program coordinator at Zoological Society of Bangladesh, University of Dhaka. From: September 2018-September 2019

- Worked as Volunteer at 21st International Biennial Conference and AGM 2019 of the Zoological Society of Bangladesh

Published Research Works:

Research articles:

- SRISTY SAHA, MIKAËL CROYAL, JEAN-MICHEL HUVELIN and HASSAN NAZIH (**2024**). 4-cholesten-3-one modified the lipidome of MDA-MB-231 cancer cells and potentiated the effect of docetaxel. **Anticancer Research.** August, 44 (8) 3277-3285; DOI: https://doi.org/10.21873/anticanres.17146

- Saha, S., Jaman, S., Anee, H.K., Khandaker, A.M., Alam. M.S., & Begum, R. (**2022**). molecular identification of ribbon fish (eupleurogrammus sp.) using partial sequence of mitochondrial coi gene. **Bangladesh J. Zool**. 50(2): 231- 238, 2022.

- Saha, S., Ferdous, Z., Jahan, H., Khandaker, A., Md Shahjahan, R., & Begum, R. (**2019**). Polymorphic loci analysis of 16S ribosomal RNA gene of economically important marine lizardfish Bombay duck (Harpadon nehereus). Bangladesh Journal of Zoology, 47(1), 49-57. https://doi.org/10.3329/bjz.v47i1.42020

Poster presentations:

- Sristy Saha, Sawda Zaman Arthy, Mohammad Shamimul Alam and Reza Md. Shahjahan. Potentiality of using genetics tools to assess response to chemical stress in Bombay duck and Ribbon fish. Poster presented at: environmental solutions for sustainable development: toward developed Bangladesh (CESSD 2019).

- Sristy Saha, Sawda Zaman Arthy, Hawa Jahan, Reza Md. Shahjahan and Rowshan Ara Begum. Nucleotide sequence analysis of 16S rRNA gene of Ribbon fish from The Bay of Bengal. Poster presented at: National Biotechnology Fair 2019 organized by National Institute of Biotechnology, Bangladesh.

- Sristy Saha. Comprehensive genetical diversity analysis of black pomfret (*Parastromateus niger*) in the Bay of Bengal, Bangladesh. 10th Biennial Conference of BFRF 2025 (Submitted).

Conference abstracts:

- Sristy Saha, Hawa Jahan, Rowshan Ara Begum* and Reza Md. Shahjahan. Nucleotide sequence analysis of 16S rRNA gene of ribbon fish (Eupleurogrammus muticus) from the Bay of Bengal. 21st International Biennial Conference and AGM 2019 of the Zoological Society of Bangladesh will be held on 5 and 7-8 December, 2019 respectably at the Nobab Nawab Ali Chowdhury Senate Bhaban and Department of Zoology, University of Dhaka.

- Sristy Saha, Hawa Jahan, Ashfaqul Muid Khandaker and Rowshan Ara Begum. Polymorphic loci analysis of 16S ribosomal RNA gene of economically important

marine lizardfish Bombay duck (Harpadon nehereus) from Bay of Bengal. 21st National Conference and AGM; 2018 December 7 –8; Dhaka, Bangladesh: Zoological Society of Bangladesh; 2018

- Sristy Saha. Comprehensive genetical diversity analysis of black pomfret (*Parastromateus niger*) in the Bay of Bengal, Bangladesh. 10th Biennial Conference of BFRF 2025 (Submited).

Personal Details

Full Name	: Sristy Saha
Father's Name	: Gouranga Prashad Saha
Mother's Name	: Debi Rani Saha
Permanent Address	: Rangkin street, Wari, Dhaka-1203
Sex	: Female
Marital Status	: Single
Nationality	: Bangladeshi (by birth)

Reference

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